

ABSTRACT OF THE DISCLOSURE

An antenna (10) includes a mast (12) which carries a coil (13) and a capacity hat (14). The capacity hat (14) includes a cylindrically shaped block (15) that is slidably received on the mast (12). The block includes a plurality of 5 chordal bores (20-25) which are selectively adapted to receive conductive rods (40) therein. The configuration of the rods (40) is established by first identifying the desired frequency of operation for the antenna (10) and then selecting the size of the coil (13) and the configuration of the rods (40) which will provide approximately the desired frequency preferably using the smallest 10 coil (13) possible to reduce losses.